

## Curriculum Vitae

### Personal Data

Title	Ph.D.
First name	<b>Lidia</b>
Name	<b>Bosurgi</b>
Current position	Research Group Leader (permanent position)
Current institution(s)/site(s), country	I. Department of Medicine, University Medical Center Hamburg-Eppendorf and Bernhard Nocht Institute for Tropical Medicine, Hamburg
Identifiers/ORCID	0000-0002-8775-4950



### Qualifications and Career

Stages	Periods and Details
Degree programme	<u>09/2004-10/2006</u> : Master in Medical Biotechnology, University of Milano-Bicocca, Milan, Italy <u>07-10/2005; 04-07/2006</u> : visiting Master student, Harvard Medical School, Boston, USA <u>10/2001-10/2003</u> : Bachelor in Biotechnology, University of Milano-Bicocca, Milan, Italy
Doctorate	<u>01/2007-07/2011</u> : Ph.D. in Molecular Medicine, San Raffaele Scientific institute, Milan, Italy. Mentor: Prof. A. A. Manfredi Thesis: <i>The reciprocal regulation of macrophages and adult mesoangioblasts in damaged muscle influences their function and determine their fate.</i> <u>06/2009-12/2009</u> : visiting Ph.D. student, Harvard Medical School, Boston, USA; Supervisor: Prof. U. H. Von Andrian Project: <i>The role of subcapsular sinus macrophages upon infection with a neurotropic virus</i>
Stages of academic/professional career	<u>05/2017-present</u> : Research Group Leader, University Medical Center Hamburg-Eppendorf and Bernhard Nocht Institute for Tropical Medicine, Hamburg, Germany <u>09/2011-04/2017</u> : Postdoctoral Fellow, Department of Immunobiology, Yale University, New Haven, USA; Mentor: Prof. Carla V. Rothlin

### Supplementary Career Information

09/2018-03/2019: Maternity leave, 1<sup>st</sup> child

04/2022-11/2022: Maternity leave, 2<sup>nd</sup> child

### Engagement in the Research System

2018 - 2022

Coordinator of seminars featuring guest speakers. CRC 841

2018 - today      Reviewer for scientific journals (Sci Immunol, Cell Metab, PNAS, J Hepatol, J Exp Med, Sci Advances, Hepatol, Diabetes, Cell Rep, J Inf Dis, Elife, PlosOne).

### **Supervision of Researchers in Early Career Phases**

2018- today      Main supervisor of 6 Ph.D. candidates (5 of whom have defended to date), 2 postdoctoral fellows, 1 clinician scientists, 1 M.Sc. student  
 2022- today      2<sup>nd</sup> supervisor, Ph.D. candidate, University of Bonn, Bonn, Germany  
 Oct 2024      Opponent, Ph.D. thesis, Karolinska institute, Stockholm, Sweden  
 July 2021      Committee member, Ph.D. thesis, KU Leuven, Leuven, Belgium  
 2012-2017      as Post-Doc at Yale University (USA): Supervision of 5 Ph.D. candidates (lab rotation) and 3 master students  
 2007-2011      as Ph.D. student at Università Vita-Salute San Raffaele (IT): supervision of 1 master student

### **Academic Distinctions**

2023      "Close the Gap" grant, University Medical Center Hamburg-Eppendorf  
 2021      "Close the Gap" grant, University Medical Center Hamburg-Eppendorf  
 2012      Journal Cover, *The Journal of Immunology*, Vol 188, Issue 12, 15 Jun 2012  
 2010      First Classified: In cell analyzer image competition 2010, GE Healthcare, NYC  
 2013-2015      Long term Post-doctoral Fellowship, American-Italian Cancer Foundation  
 2007- 2010      Ph.D. fellowship in Molecular Medicine, Basic and Applied Immunology program, fully founded by the Italian Government  
 2004-2005      Scholarship, Exchange program of international mobility between University of Milano-Bicocca (Milan, Italy) and Harvard Medical School (Boston, USA)

### **Third-party funds acquired as an independent group leader**

#### DFG:

Since 2025      Research Group FOR 5775 "MagNet - Macrophage Niche Network Dynamics", Principal investigator, project 06  
 Since 2025      CRC1700 "Immune regulation in the liver: from homeostasis to disease", Principal investigator, project A04 (Co-PI)  
 Since 2025      CRC1700 "Immune regulation in the liver: from homeostasis to disease", Principal investigator, project B07 (Co-PI)  
 Since 2023      Individual Research grant: "Impact of the apoptotic cell identity on macrophage function: A novel approach for the re-establishment of liver homeostasis upon damage".  
                          Principal investigator  
 Since 2022      TRR 333 "BATenergy - Brown and beige fat – Organ cross talk, signalling and energetics".  
                          Principal investigator, project P07 (Co-PI)  
 2018-2021      CRC 841: "Liver Inflammation: Infection, Immune Regulation and Consequences"  
                          Principal Investigator, project P04

#### Foundations:

Since 2025      José Carreras Leukämie-Stiftung: "Analysing apoptotic cell identity-driven modulation of macrophage function and its impact on extracorporeal photopheresis outcomes in Graft-Versus-Host disease"  
                          Principal Investigator (Co-PI)

- Since 2024     Werner Otto Foundation: “Unlocking the role of NMES1-expressing macrophages: Advancing mucosal healing strategies for the management of Ulcerative Colitis”.  
Principal Investigator
- 2020-2021     Werner Otto Foundation: “Macrophages and miRNA: new therapeutic option for the treatment of Inflammatory Bowel Disease”.  
Principal Investigator

Landesforschungsförderung Hamburg:

- Since 2025     LFF: “Infection and Autoimmunity”  
Principal investigator (Co-PI)
- 2020-2023     LFF-FV74: “Mechanisms of cell-to-cell communication during infection”  
Principal Investigator (Co-PI)
- 2020-2023     LFF-FV75: “Interactions between metabolism and inflammatory processes: molecular and cellular signals in organs and organoids”  
Principal Investigator (Co-PI)
- 2020-2023     LFF-FV78: “ Autoimmune Liver Disease”  
Principal Investigator

DZIF:

- Since 2021     “Novel approaches for the management of chronic forms of schistosomiasis: the identification of adapted tools through the Madagascar example.  
Principal Investigator (Co-PI)

**Other Information**

**Seminars and conferences: Attendance as an *Invited speaker* (10 selected)**

- NVV Spring Symposium 2025, Lunteren, Nederland, March 20-21, 2025
- Medical University of Vienna (SFB F70), Vienna, Austria, Oct 7, 2024
- Technische Universität München (TRR353), Munich, Germany, May 8, 2024
- Universidad Nacional Autónoma de México, Mexico City, Mexico, Jun 7, 2024
- Keystone Symposia, Breckenridge, Colorado, USA, Jan 16-20, 2024
- 2023 European Macrophage Dendritic Cell Society, Ghent, Belgium, Oct 18-20, 2023
- FOCIS virtual annual meeting, Jun 9-11, 2021
- Johann Wolfgang Goethe-University (GRK 2336), Frankfurt am Main, Germany, Nov 7, 2019
- Karolinska Institute, Stockholm, Sweden, Jun 28, 2018
- Academia Nacional de Medicina, Buenos Aires, Argentina, Oct 31, 2017